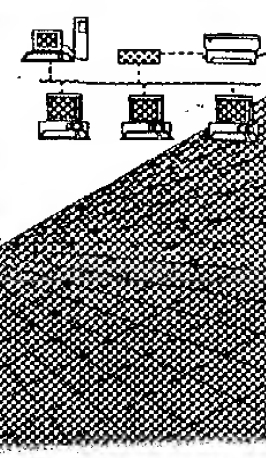


PCT/09

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



KW

## CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/807,248A  
Filing Date: 6/27/2001  
Date Processed by STIC: 5/2/2002

STIC Contact: Mark Spencer, 703-308-4212

### Nature of Problem:

The CRF (was):

- ☒ (circle one) Damaged or Unreadable (for Unreadable, see attached)  
☐ Blank (no files on CRF) (see attached)  
☐ Empty file (filename present, but no bytes in file) (see attached)  
☐ Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF.  
☐ Not saved in ASCII text  
☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.  
☐ Did not contain a Sequence Listing. (see attached sample)  
☐ Other: \_\_\_\_\_

**PLEASE USE THE CHECKER VERSION 3.1 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service , or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/807,248

DATE: 07/19/2001

TIME: 12:23:45

Input Set : A:\BB1208pct seq 1st.txt

Output Set: N:\CRF3\07192001\I807248.raw

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: E. I. du Pont de Nemours and Company  
5 <120> TITLE OF INVENTION: SCORPION TOXINS  
7 <130> FILE REFERENCE: BB1208  
-> 9 <140> CURRENT APPLICATION NUMBER: US/09/807,248  
-> 10 <141> CURRENT FILING DATE: 2001-06-27  
12 <150> PRIOR APPLICATION NUMBER: 60/105,404  
13 <151> PRIOR FILING DATE: 1998-10-23  
15 <160> NUMBER OF SEQ ID NOS: 17  
17 <170> SOFTWARE: Microsoft Office 97

pp 1-2

RORED SEQUENCES

55 <210> SEQ ID NO: 3  
56 <211> LENGTH: 238  
57 <212> TYPE: DNA  
58 <213> ORGANISM: Leiurus quinquestriatus  
60 <400> SEQUENCE: 3  
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63 ggaaaacggt ggtacgggtg gccattgcgg atttaaagtt ggacatggaa ctgcctgctg 180  
64 gtgcaatgcc ttgccgata aagtagggat tatagtagat ggagtaaaat gccatcgc 238  
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156 <211> LENGTH: 252  
157 <212> TYPE: DNA  
158 <213> ORGANISM: Leiurus quinquestriatus  
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162 cgtgatgctt atattgcca gaactataac tgtgtatata attgtgcttt aaatccatat 120  
163 tgcaacgatt tatgtaccaa gaacgggtgt aagagtggct attgccaatg gttcggttca 180  
164 agtggaaacg cctgctggtg catagatttg cccgataacg taccgattaa agtaccagga 240  
165 aaatgccatc gc 252

see item 9 on Ena Summary Sheet

see next page

09/80,248

2

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<212> PRT  
<213> Leiurus quinquestriatus

<220>  
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<400> 9

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1 5 10 15

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20 25 30

Tyr His Cys Ala Leu Asn Pro Tyr Cys Asn Asp Leu Cys Thr Lys Asn  
35 40 45

Gly Ala Lys Ser Gly Tyr Cys Gln Trp Phe Gly Ser Ser Gly Asn Ala  
50 55 60

Cys Trp Cys Ile Asp Leu Pro Asp Asn Val Pro Ile Lys Val Pro Gly  
65 70 75 80

Lys Cys His Arg

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/807,248

DATE: 07/19/2001

TIME: 12:23:46

Input Set : A:\BB1208pct seq 1st.txt

Output Set: N:\CRF3\07192001\I807248.raw

9 M:270 C: Current Application Number differs, Replaced Application Number  
10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
61 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3  
161 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:8  
177 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:9  
177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9